

# GIBB plus

A growth regulator for the reduction of fruit russetting of apples and improvement of fruit set in pears

Soluble Concentrate containing 10 g/L (0.96 % w/w) of a mixture of gibberellins A<sub>4</sub> and A<sub>7</sub>

## RISK AND SAFETY INFORMATION

Do not eat, drink or smoke when using this product  
Store locked up  
Store away from other materials  
To avoid risks to human health and the environment, comply with the instructions for use  
Do not contaminate water with the product or its container (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.)

MAPP 17251 — PCS05340

## FOR USE ONLY AS A HORTICULTURAL PLANT GROWTH REGULATOR IMPORTANT INFORMATION

Crop	Max. individual dose	Maximum total dose	Maximum number of treatments	Latest time of application
Apples (UK + IE)	0.5 L/ha	2.0 litres product/ha/year	-	-
Pears (IE only)	1.5 L/ha	1.5 litres product/ha/year	-	During flowering

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS (UK only).

## SAFETY PRECAUTIONS

### Operator protection

WASH HANDS before meals and after work.

### Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

### Storage and disposal

STORE IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
Protect from frost, do not store above 25 °C.  
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

### DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

### PROPERTIES OF GIBB PLUS

GIBB Plus is a liquid growth regulator containing a mixture of the gibberellins A<sub>4</sub> and A<sub>7</sub>. Both these gibberellins occur naturally in apples and pears.

Contents: 1 lit.e

Applied during the fruitlet stage, GIBB Plus greatly reduces fruit russetting, resulting in fruit of improved quality. It is probable that GIBB Plus improves fruit finish by increasing the elasticity and the production rate of the outer epidermal cells of the rapidly expanding fruitlets after petal fall. In addition to fruit quality, GIBB Plus can have a positive influence on the marketable yield.

Treated fruit may tend to be slightly more conical and elongated in shape and occasionally a slight reduction in return blossom can occur. Consult processors before treating crops grown for processing.

For Ireland only: GIBB Plus improves fruit setting thereby improving the quality of pears.

For UK only: The use of higher rates than recommended may result in a higher proportion of small fruits.

### APPLICATION TO APPLES (UK + IE)

For the improvement of fruit skin finish.

### Rates of use

Use: 0.25-0.5 litres/ha at 10 days intervals  
Use higher rates when conditions (e.g. cold, wet or windy weather) are conducive for fruit russetting. Lower rates may be used under more favourable conditions, but the degree of improvement in the fruit skin finish is dependent on the rate used.

Batch No: see bottle

### Timing of sprays

Apply the first spray immediately after the completion of petal fall, followed by three further sprays at 10 days intervals

If conditions during the period of petal fall to fruitlet are especially favourable for good fruit finish, then the final spray may be omitted.

### Preparation of the spray solution

Slowly invert the container several times before using to ensure uniform mixture. Half fill the spray tank with clean water. Add the recommended quantity of GIBB Plus to the sprayer using a filling device (e.g. induction bowl, probe) or by direct addition to the spray tank. Wash out containers thoroughly. Preferably use an integrated pressure rinsing device, or manually rinse three times. Add washings to the sprayer at the time of filling. Top up tank with water to required level.

### Water volumes and spraying

Apply in not less than 200 litres of water per hectare. For optimum results, good coverage of the fruitlets is essential and this can best be achieved by applying in a volume of 500 to 1000 litres per hectare. Spraying under humid and slow drying conditions will further enhance the results achieved. Apply by any suitable orchard sprayer. Do not leave spray liquid in the sprayer for long periods (i.e. during meals or overnight). Wash equipment out thoroughly with water after use.

### Varieties

GIBB Plus has been used on Cox, Discovery, Golden Delicious and Karmijn with excellent results. Until further experience is gained, it is recommended that only a few trees of other varieties are treated.

### APPLICATION TO PEARS (IE ONLY)

For the improvement of fruit set.

### Rates of use

Use: 1 application of 1.5 litres/ha  
OR  
2 applications of 0.75 litres/ha at 7 to 14 days interval

### Timing of sprays

Apply during flowering, preferably when the first petals fall of.

### EXTENSION OF AUTHORISATION (UK ONLY)

This extension of the authorised use (number 1152 of 2017) provides for the use of GIBB Plus in respect of crops and situations other than those included on the product label (above). Neither the efficacy or the phytotoxicity of the product for which this Extension of authorisation has been granted have been assessed and, as such, the user bears the risk in respect of failures concerning its efficacy and phytotoxicity.

The following Extension of Use is authorised for GIBB Plus on pear and quince:

Crop	Maximum individual dose	Maximum total dose	Maximum number of treatments	Latest time of application
Pear, quince	0.5 L/ha	2.0 litres product/ha/year	-	-

### Advisory Information

GIBB Plus (M17251) is to be used as a plant growth regulator for the improvement of fruit set on pear and quince. Application is via conventional hydraulic sprayer (including orchard sprayers and air assisted sprayers) in a minimum of 200 litres water per hectare during flowering. However, this 'extension of use' remains at the risk of the user.

### DISPOSAL

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.



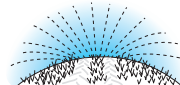
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